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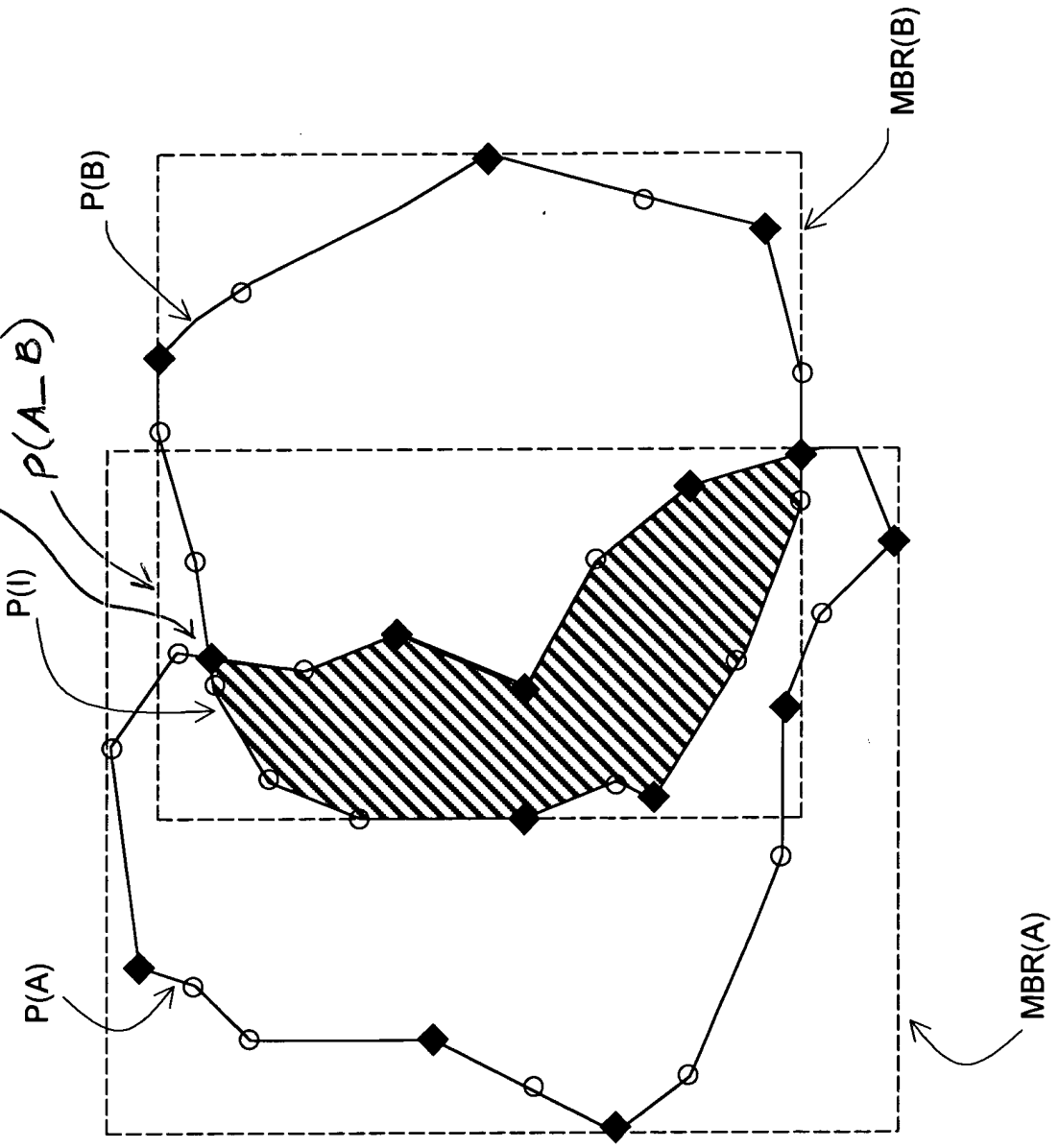
FIG. 6



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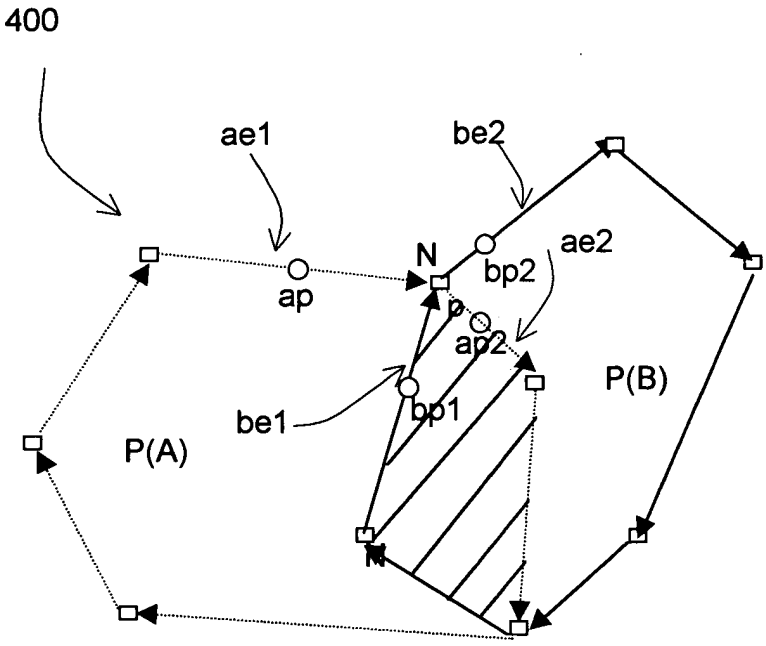

FIG. 7A

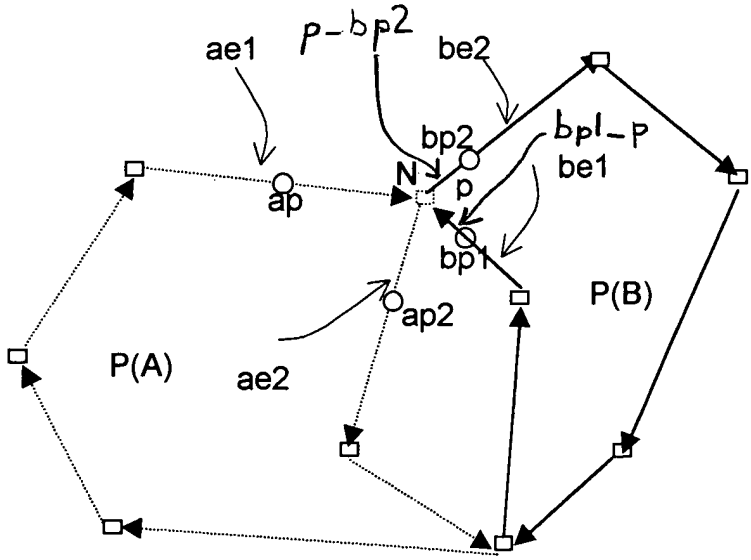

FIG. 7B

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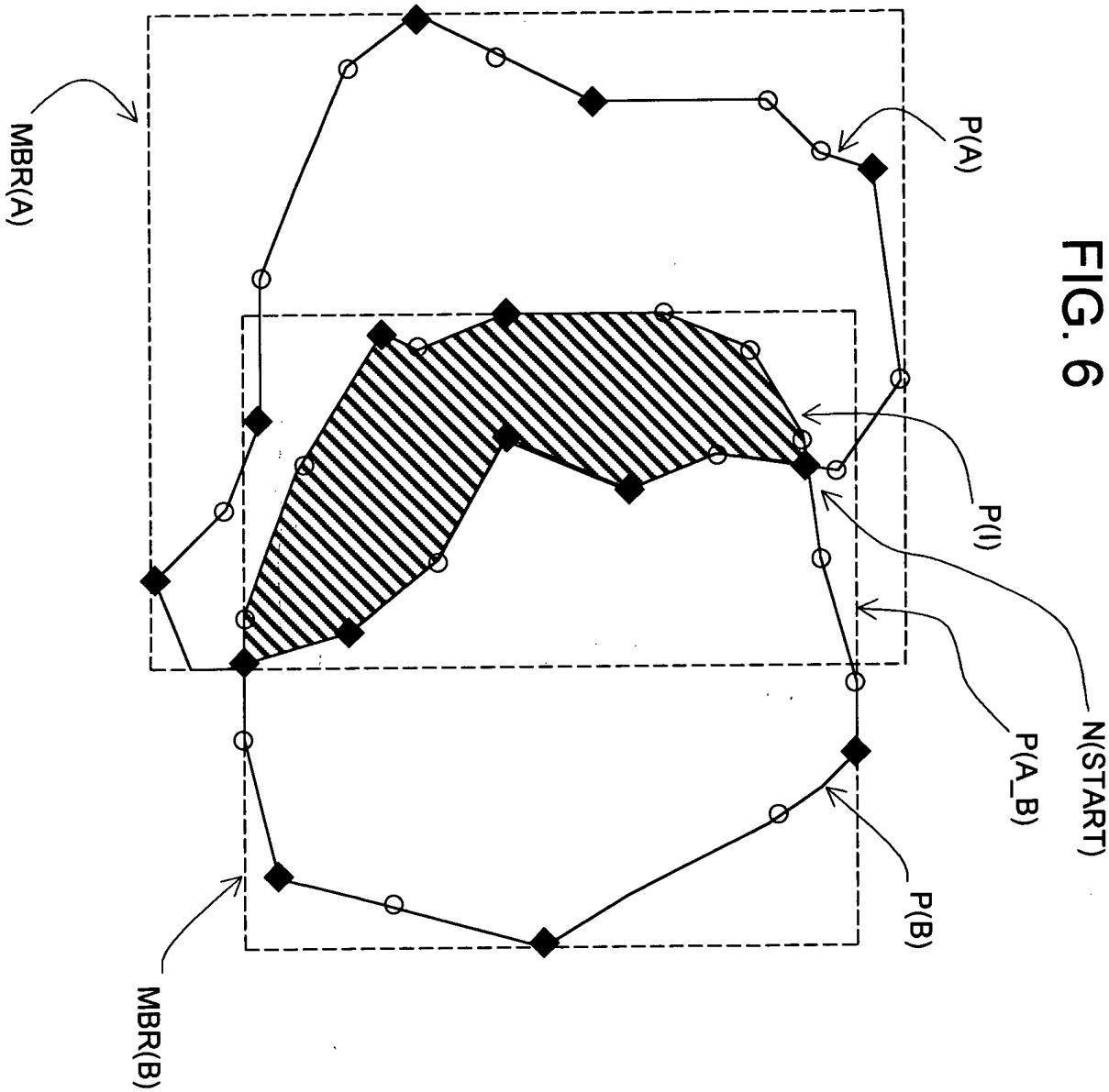

FIG. 6

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JAN 17 2003
PATENT & TRADEMARK OFFICE

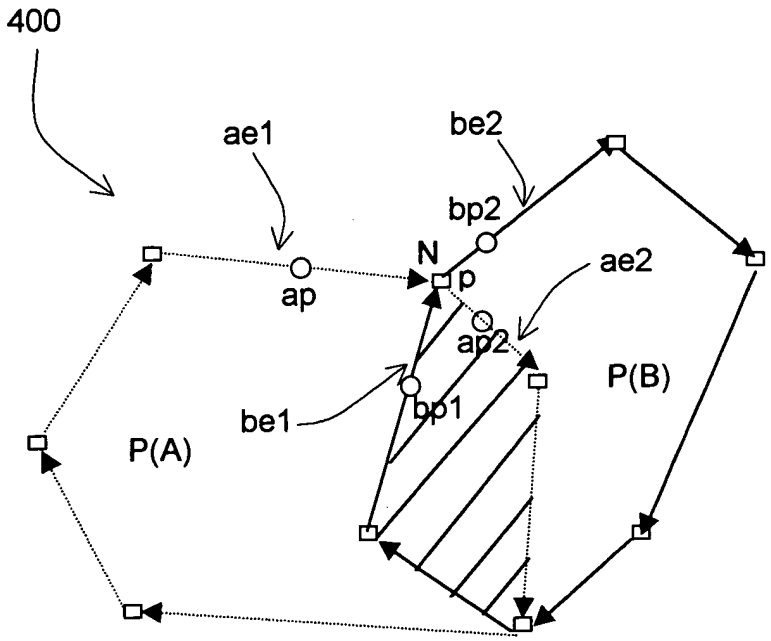


FIG. 7A

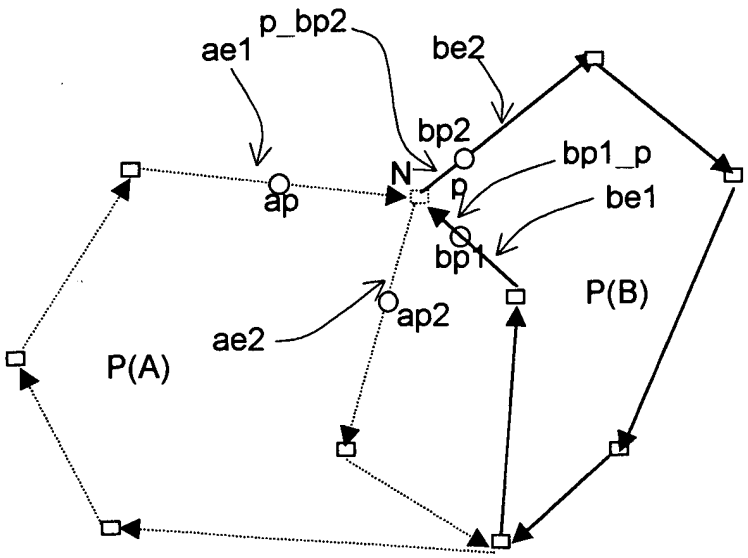
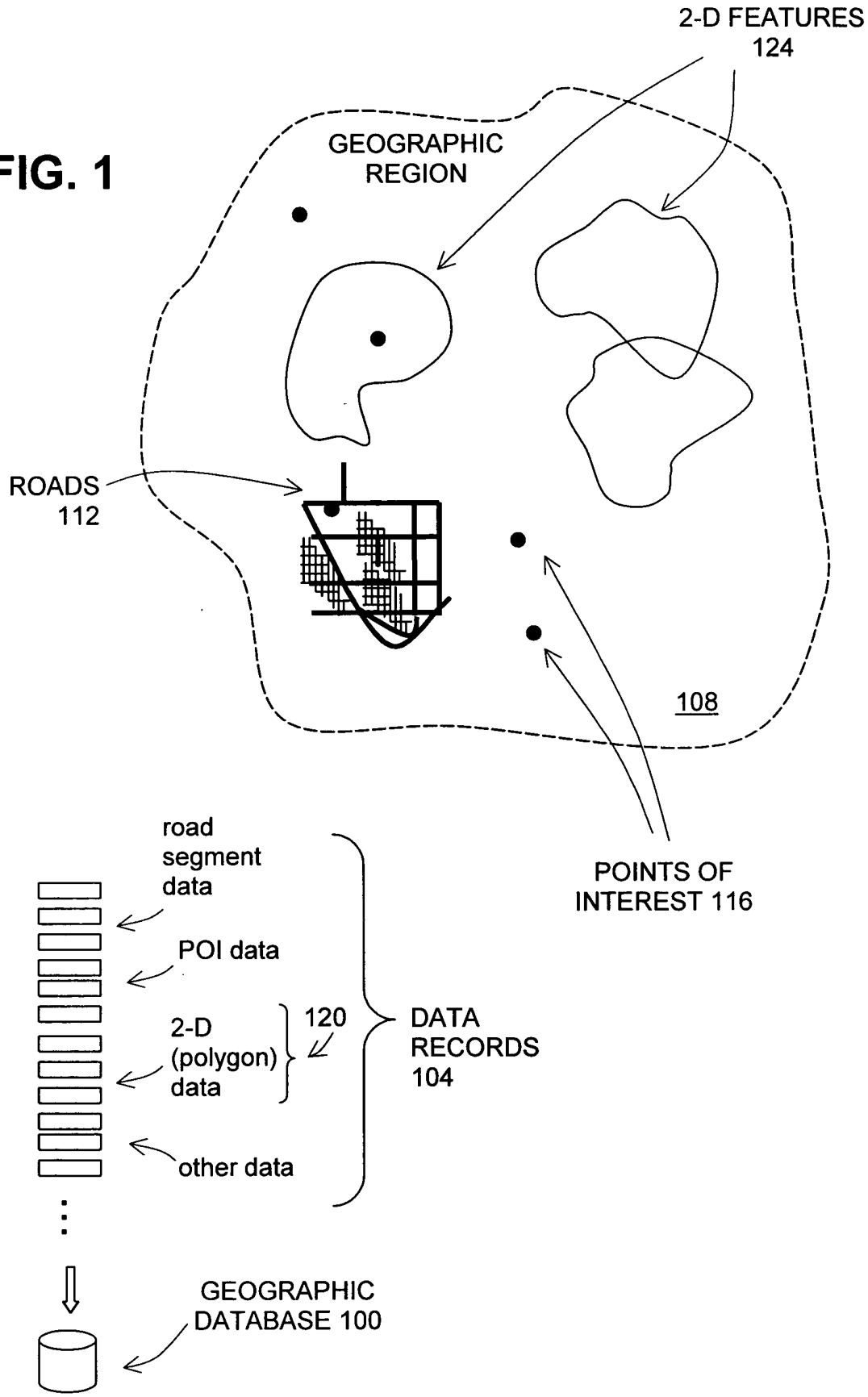


FIG. 7B

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

Attorney Docket No. 50277-0099

FIG. 1



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APPROVED
BY
O.G. FIG.
CLASS SUBCLASS
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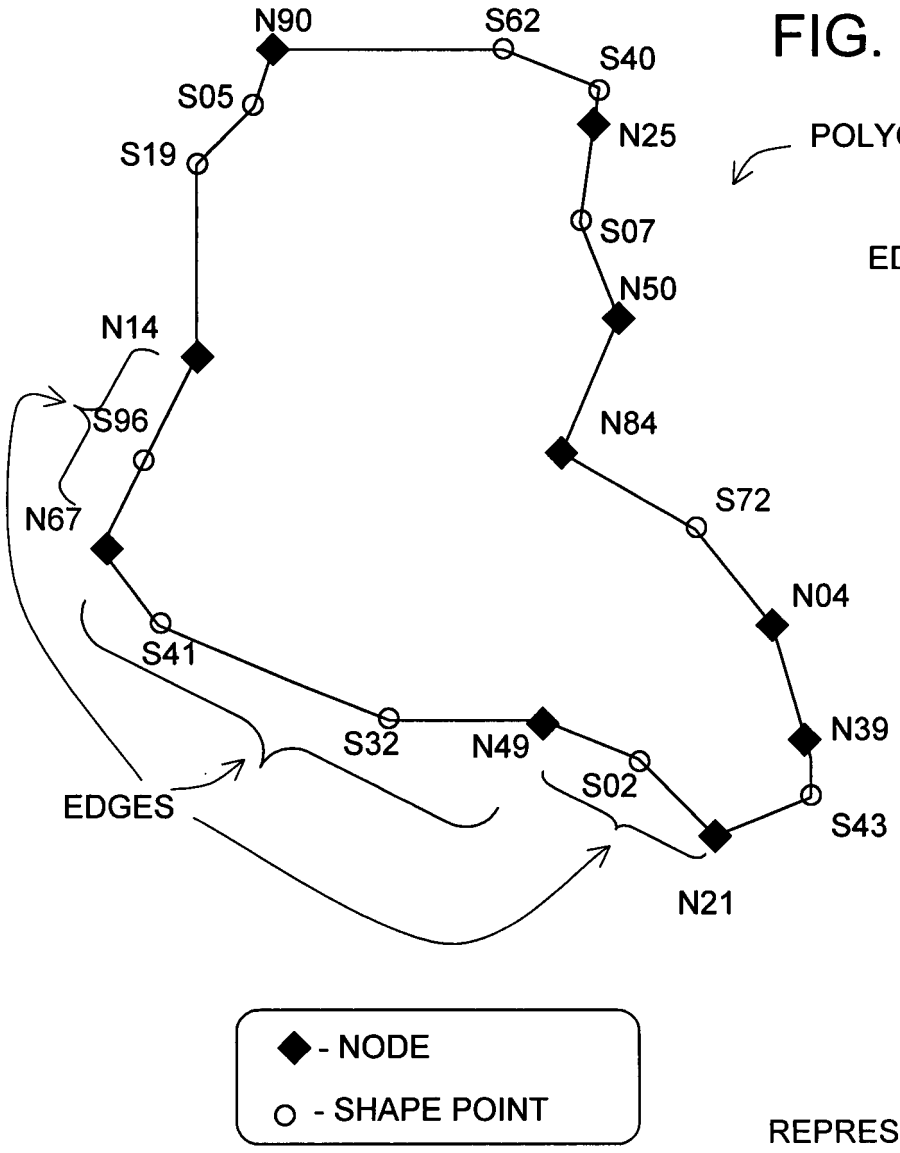
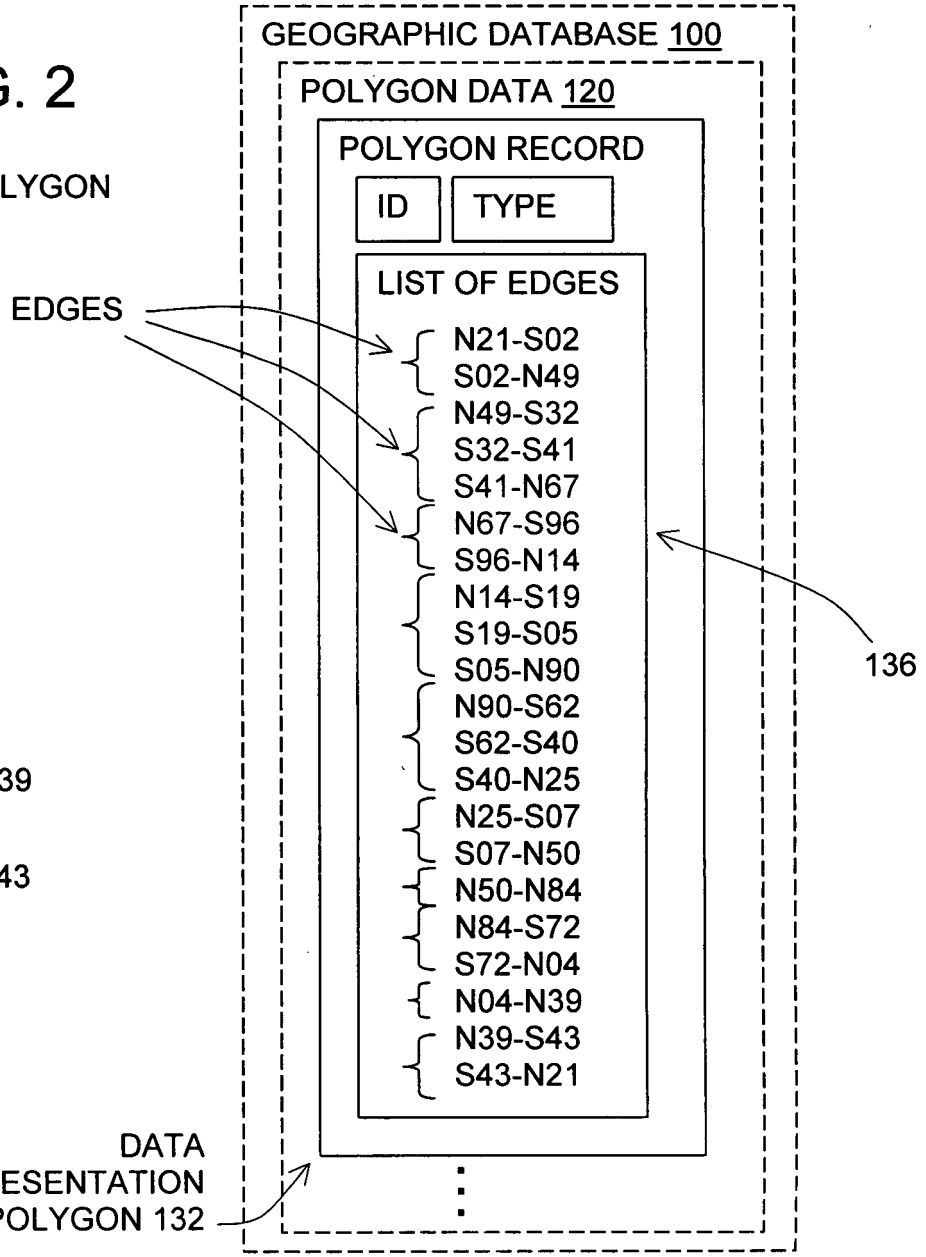
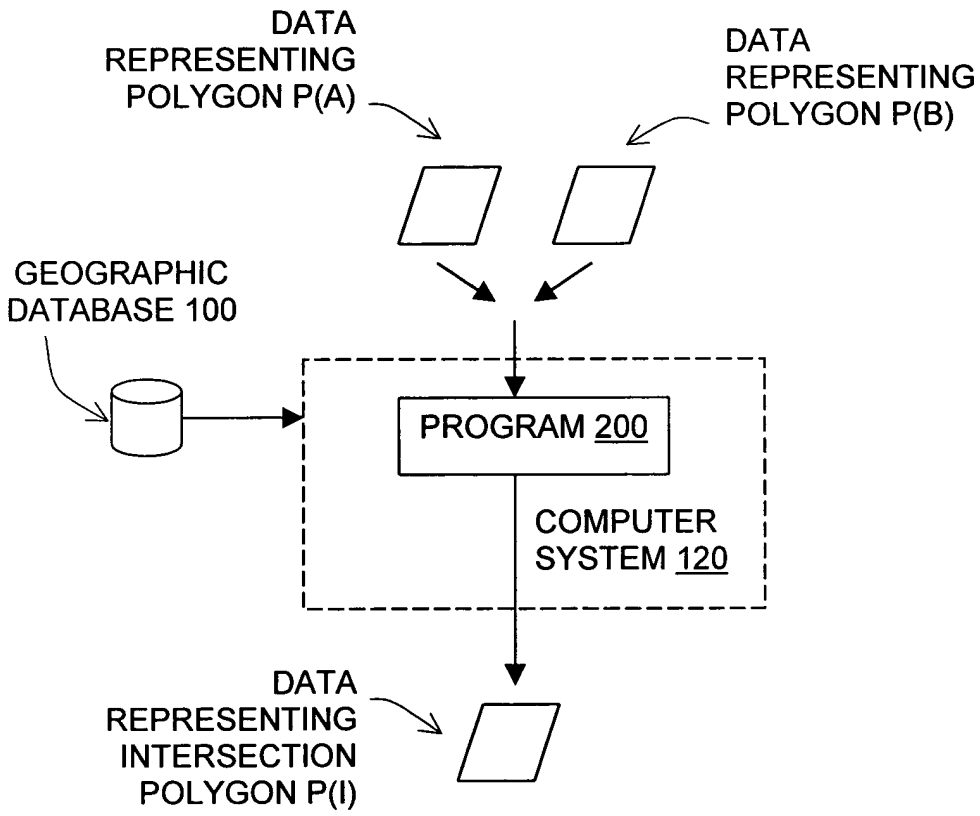
FIG. 2





APPROVED BY DRAFTSMAN
O.G. FIG.
CLASS SUBCLASS

FIG. 3

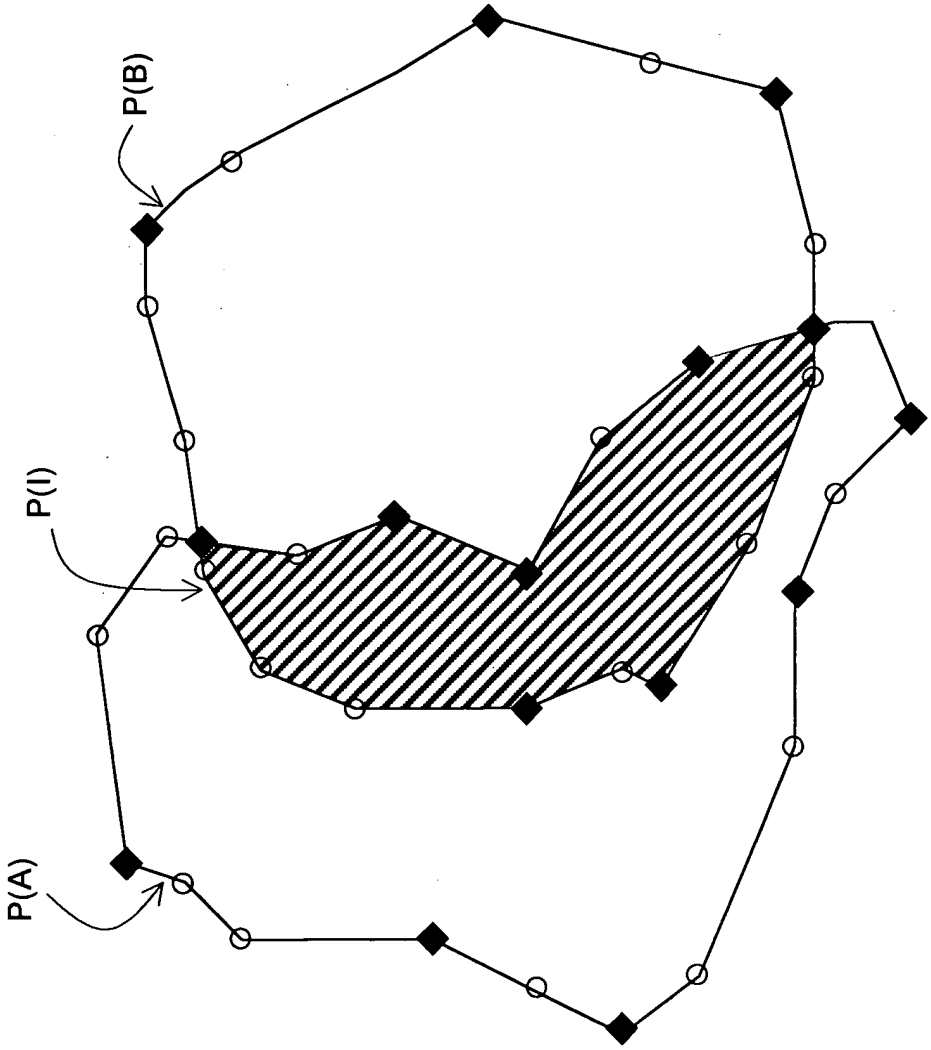


Docket No. 50277-2000

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

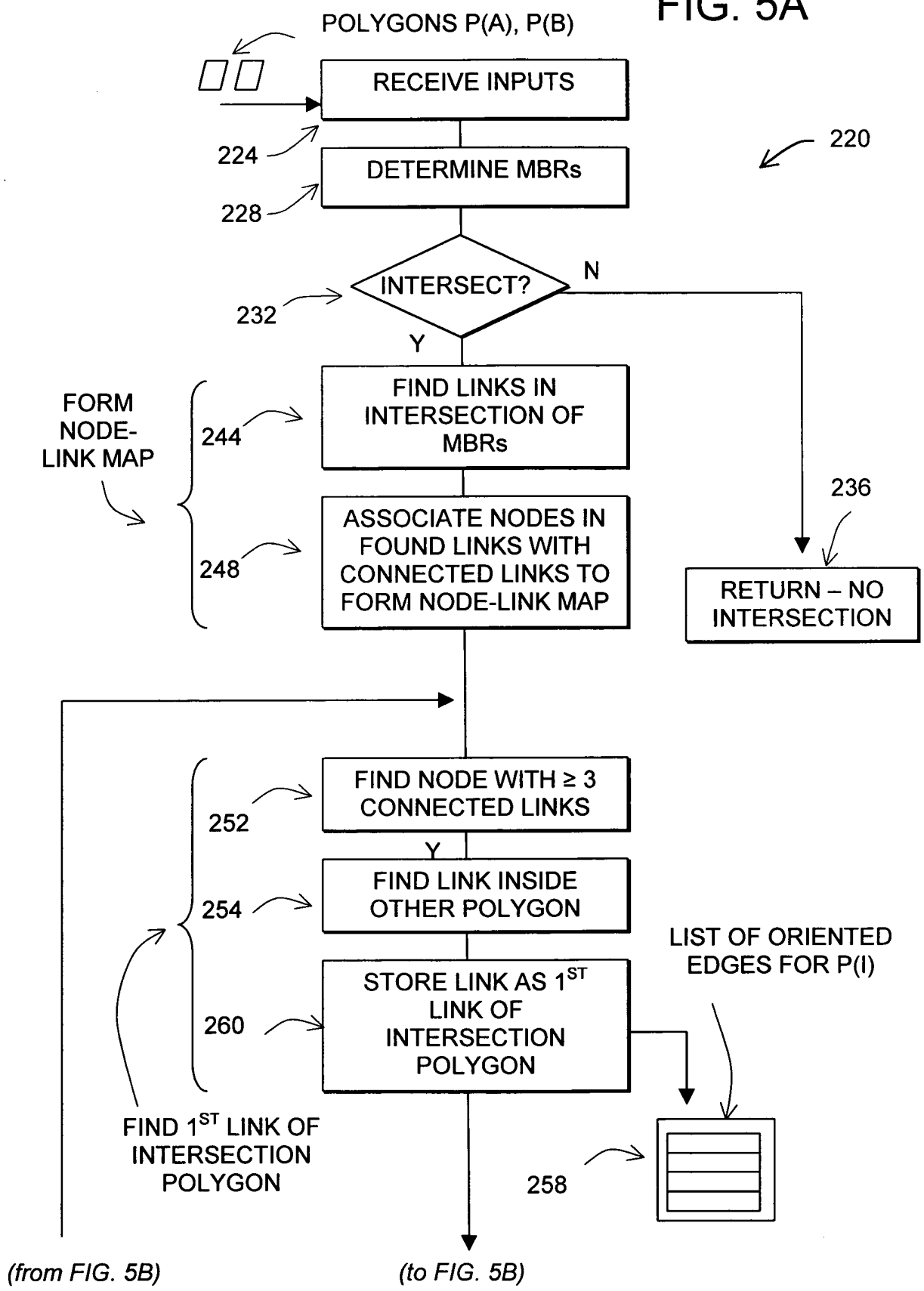
Fotheringham

FIG. 4



APPROVED BY DRAFTSMAN | O.G. FIG. CLASS | SUBCLASS

FIG. 5A



Patent Application Publication

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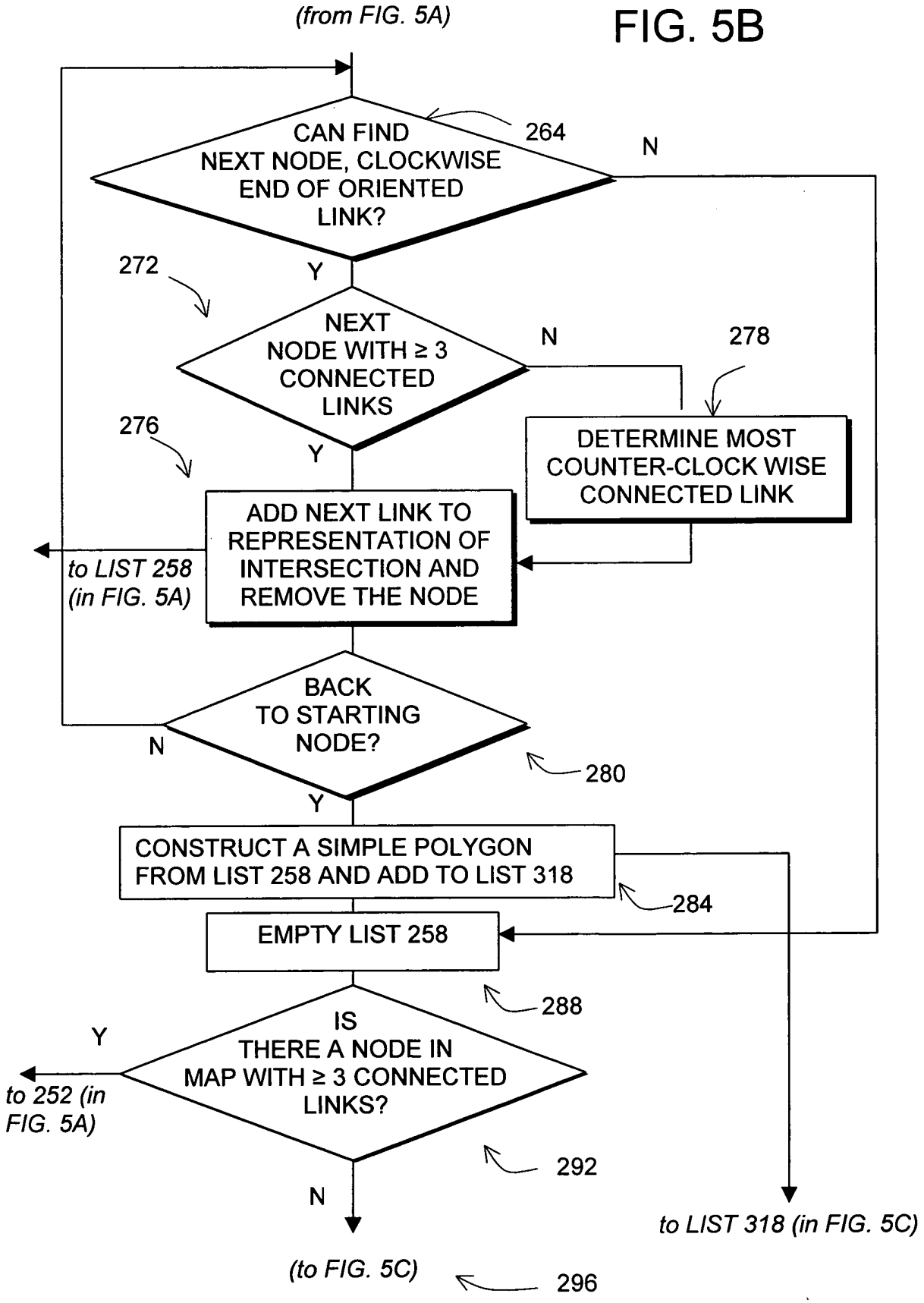
FIG. 5B



Docket # 50269-0004

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 5C

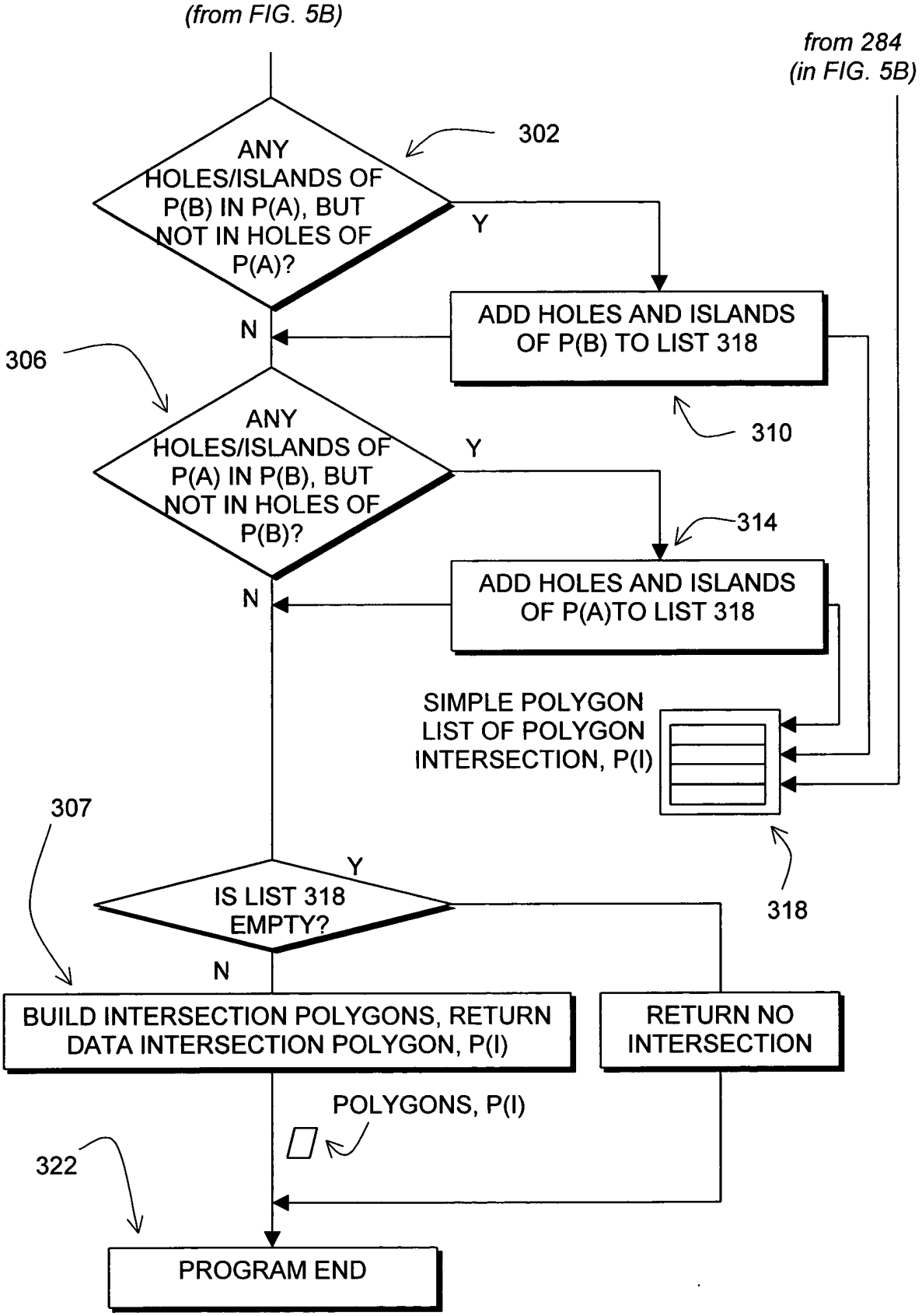


Fig. 5C

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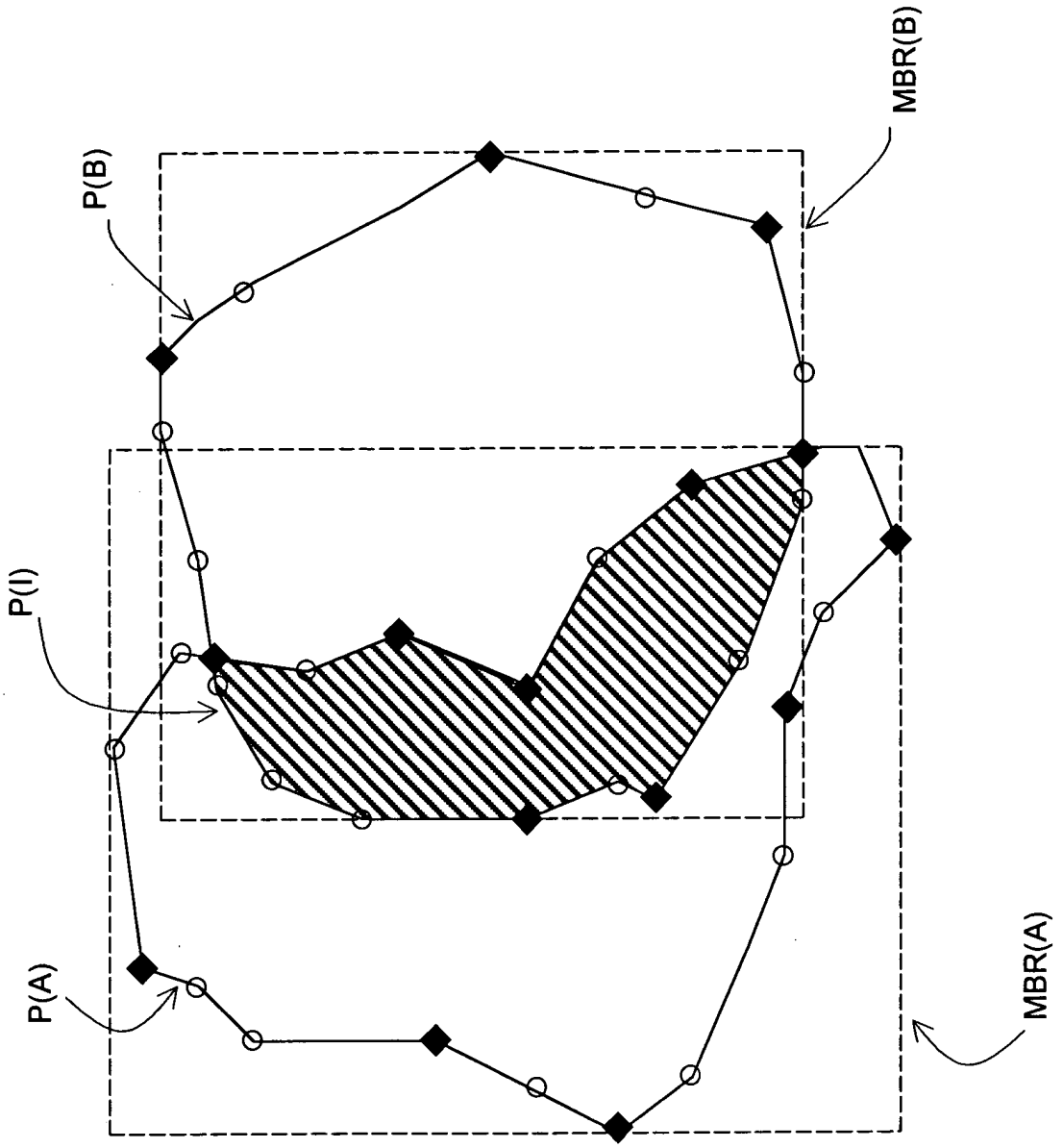
O.G. FIG.
CLASS SUBCLASS

Patent Application

FIG. 6



APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

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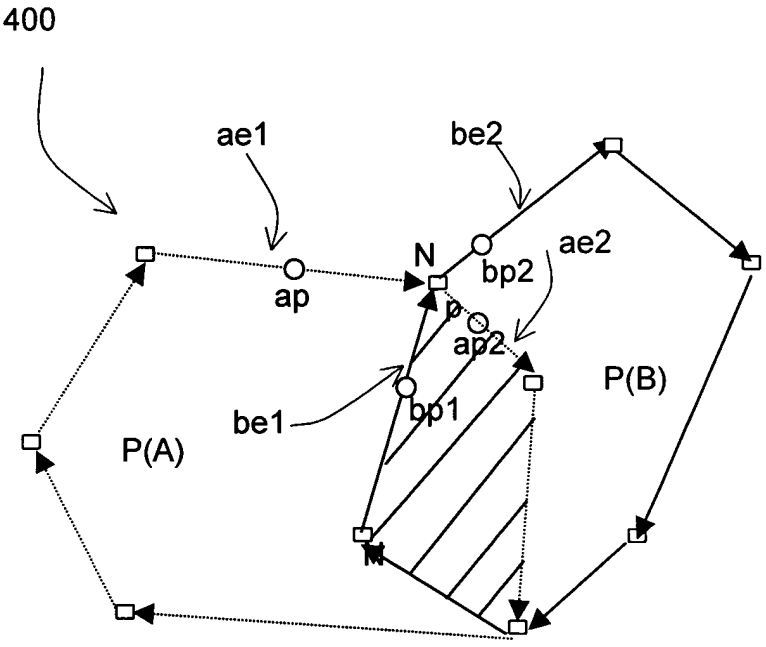


FIG. 7A

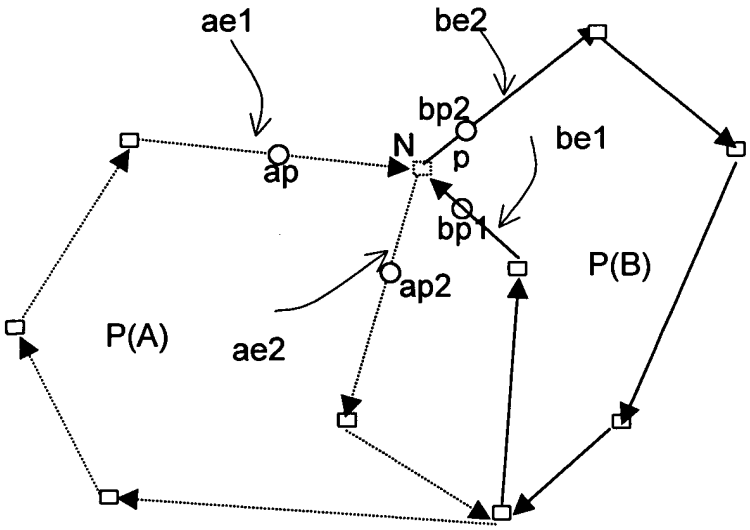
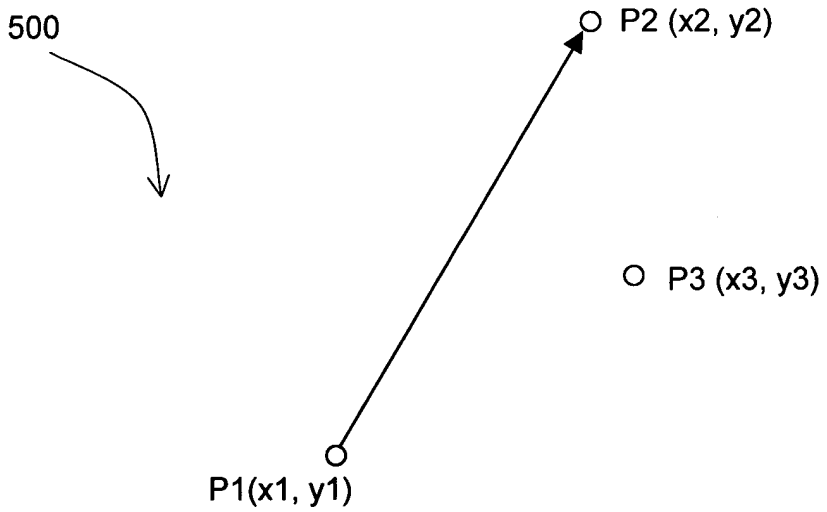


FIG. 7B

APPROVED O.G. FIG.
BY CLASS SUBCLASS
DRAFTSMAN

FIG. 8

(Test if a point on, on left,
or on right side of a line segment)



To test position of P3 relative to line segment P1P2, let

$c = (x1 - x3)*(y2 - y3) - (x2 - x3) * (y1-y3)$

If $c = 0$, P3 is on line segment P1P2;
If $c > 0$, P3 is on right side of line segment P1P2;
If $c < 0$, P3 is on left side of line segment P1P2;

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O.G. FIG.
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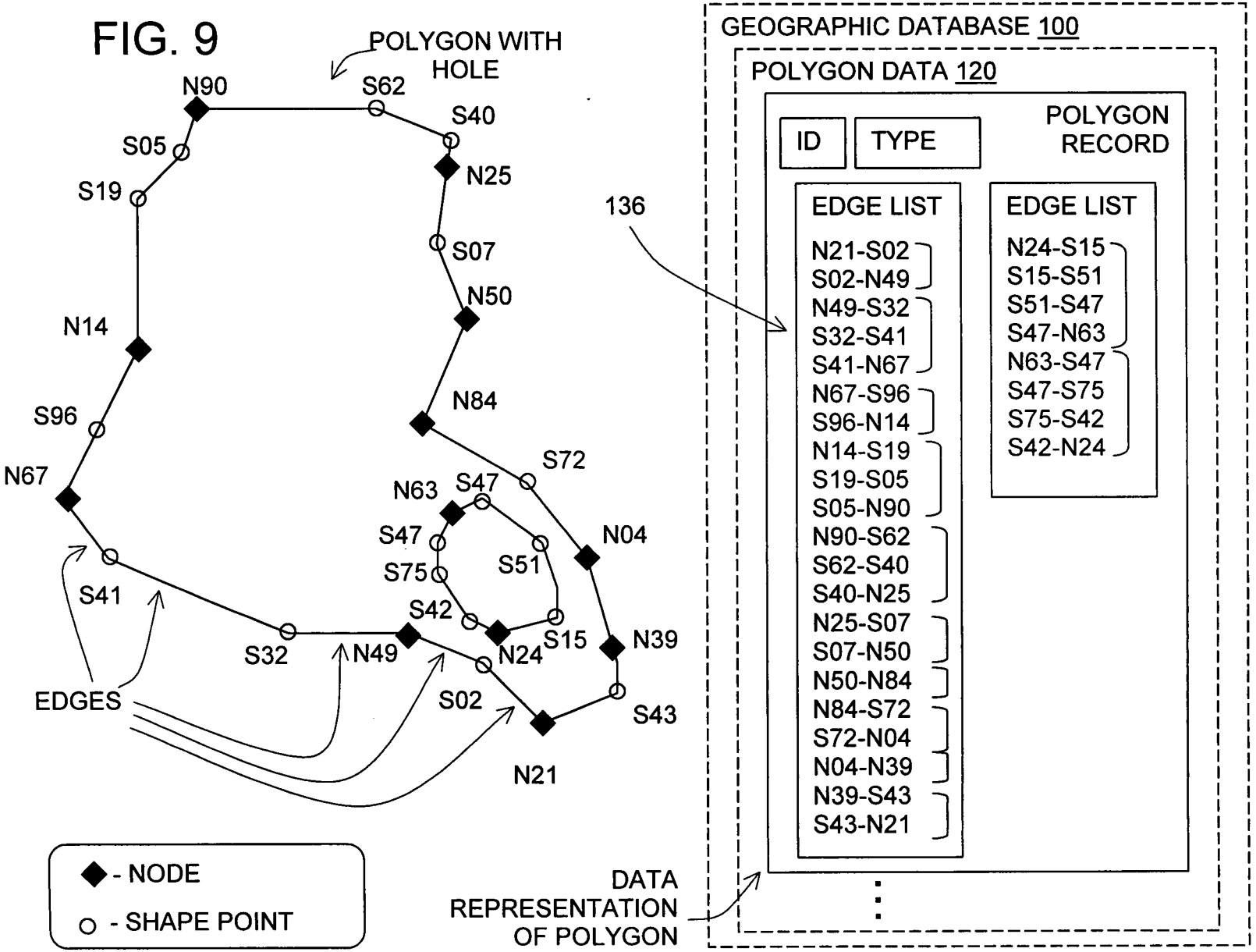
CLASS SUBCLASS

FIG. 9



APPROVED BY DRAFTSMAN
O.G. FIG.
CLASS SUBCLASS

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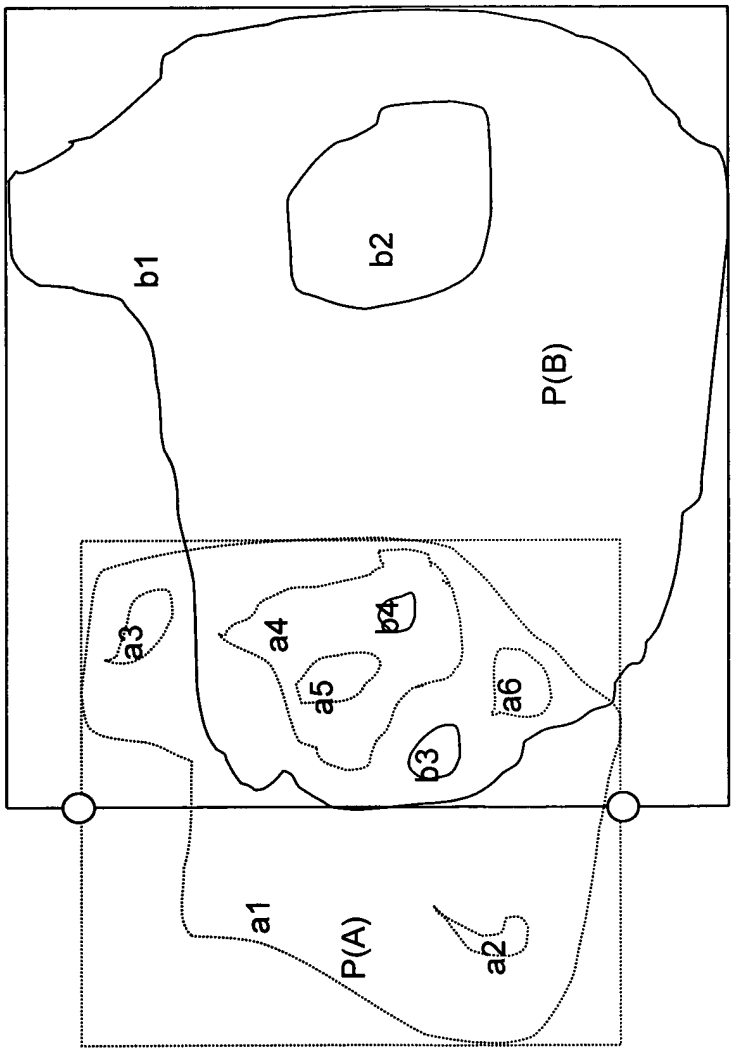

FIG. 10